



## DESCRIPTION:

Slope construction with benches spaced at regular intervals perpendicular to the slope which intercept and collect sheet flow and direct it to a stable outfall point.

## APPLICATION:

- ▶ Unstabilized cut and fill slopes
- ▶ Large stockpiles
- ▶ Existing unstable slopes

## INSTALLATION/APPLICATION CRITERIA:

- ▶ Benches should be formed as slope is constructed and graded to the outlet point.
- ▶ Stabilized outlet with sediment controls should be in place prior to slope construction.

## LIMITATIONS:

- ▶ Construction slope design must accommodate benching
- ▶ Not appropriate for sandy or rocky soil
- ▶ Only effective if suitable outlet provided

## MAINTENANCE:

- ▶ Inspect after major storm events and at least biannually, repair any damaged areas
- ▶ Remove debris blocking water flow
- ▶ Inspect outlet, repair/replace sediment controls and remove sediment build up.

## OBJECTIVES

- ☐ Housekeeping Practices
- ☐ Contain Waste
- ☐ Minimize Disturbed Areas
- ☒ Stabilize Disturbed Areas
- ☒ Protect Slopes/Channels
- ☐ Control Site Perimeter
- ☐ Control Internal Erosion



ADAPTED FROM SALT LAKE COUNTY BMP FACTSHEET

## TARGETED POLLUTANTS

- ☒ Sediment
- ☐ Nutrients
- ☐ Toxic Materials
- ☐ Oil & Grease
- ☒ Floatable Materials
- ☐ Other Waste

- ☒ High Impact
- ☒ Medium Impact
- ☐ Low or Unknown Impact

## IMPLEMENTATION REQUIREMENTS

- ☒ Capital Costs
- ☐ O&M Costs
- ☒ Maintenance
- ☐ Training

- ☒ High
- ☒ Medium
- ☐ Low